

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 2004/001780

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷: G06F 1/32, H04L 12/28, 12/54, 12/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: G06F, H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
IEEEEXPLORE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPODOC, WPI, XPESP, XPIEE, XPI3E, XPRD

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Woesner et al.; Power-saving mechanisms in emerging standards for wireless LANs: the MAC level perspective; Personal Communications, IEEE, Volume 5, Issue 3, June 1998; pages 40-48 <i>the whole document.</i>	1-20
Y	Kyu-Tae et al.; GLOBECOM'01. 2001 IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE. SAN ANTONIO, TX, NOV. 25 - 29, 2001, IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE, NEW YORK, NY : IEEE, US; 25 November 2001 (25.11.2001) ; pages 2932-2936; XP010747394; ISBN 0-7803-7206-9 <i>the whole document.</i>	1-20

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
8 September 2005 (08.09.2005)

Date of mailing of the international search report
28 September 2005 (28.09.2005)

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6438375 B1 (MÜLLER) 20 August 2002 (20.08.2002) <i>paragraphs 9-10, 17, 19-20, claims 1-3.</i>	1-20
	—	
A	US 5625882 A (VÓOK et al.) 29 April 1997 (29.04.1997) <i>figure 2, column 2, lines 12-24, column 3, lines 5-22, 36-40.</i>	1-20
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X,P	US 6622251 B1 (LINDSKOG et al.) 16 September 2003 (16.09.2003) <i>figure 3, paragraphs 8-9.</i>	1-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/KR 2004/001780

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
A			none		
US	A	5625882			1997-04-29
US	A	6438375	none		
			CN	A	1349725
			TW	B	493356
			WO	A1	0052948
			JP	A	2002538744
			EP	A1	1157579
			CA	A1	2365616
					2002-05-15
					2002-07-01
					2000-09-08
					2002-11-12
					2001-11-28
					2000-09-08
US	A	6622251	CN	A	1354939
			WO	A1	0169859
			AU	A	4293701
			WO	A1	0060811
			JP	T	2002541731T
			EP	A1	1169818
					2002-06-19
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					2002-01-09